

Yorkshire Dales National Park

Forecast valid from 06:00 on Tuesday 07 Nov 2023 until 23:59 on Wednesday 08 Nov 2023

Forecast Issued on Tuesday 07 Nov 2023 at 00:40

Confidence: High for general developments. Medium for cloud details and times of any rain bands.

Headline for Tuesday 07 Nov 2023: Early low cloud. Bright spells and showers.

Mountain weather hazards on Tuesday 07 Nov 2023

Blizzards

No Likelihood

Gales

No Likelihood

Thunderstorms

No Likelihood

Heavy persistent snow

No Likelihood

Severe chill effect

Low Likelihood

Heavy persistent rain

No Likelihood

Storm force winds

No Likelihood

Poor visibility

Low Likelihood

Strong sunlight

No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
					
Light rain showers	Cloudy	Cloudy	Light rain showers	Sunny intervals	Partly cloudy (night)
Precipitation probability					
50%	20%	20%	40%	20%	20%

Forecast for Tuesday 07 Nov 2023

Weather: A rather cloudy start with showers, cloud sinking south through the morning before lifting and breaking during the day and further isolated light showers in the afternoon. Drier and clearer thereafter.

Chance of cloud-free hill tops above 600m: 40% rising to 80% in the afternoon.

Low Cloud and visibility: Occasional or extensive cloud, base 200 to 500m, during the morning, becoming occasional or scattered, base 600 to 900m, in the afternoon. Visibility moderate or poor in cloud and showers, occasionally very poor at height, becoming mostly good or very good in the afternoon and evening.

Forecast for Tuesday 07 Nov 2023

Height (m)	Wind Speed mean/gusts (mph)				Wind Direction (blowing from)		
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	16/21 W	16/22 W	19/27 W	17/24 W	14/21 W	11/17 SW	13/19 SW
300	9/21 W	11/23 W	13/25 W	11/24 W	9/20 W	6/15 W	6/15 SW
Valley	4/15 W	7/18 W	11/23 W	10/21 W	6/16 W	3/9 W	4/14 S

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	5/0	5/0	6/1	5/1	4/0	4/0	4/-1
300	7/4	7/4	8/5	8/5	6/4	6/4	6/4
Valley	8/6	8/6	10/7	9/7	7/6	7/5	7/5
Freezing Level*	1300m	1300m	1300m	1300m	1200m	1200m	1200m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

Nothing further to add.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Tue 07 Nov 2023	24.8mm	29.6mm	29.8mm

Forecast for Wednesday 08 Nov 2023

Weather: Dry at first but heavy rain developing overnight. The heavy rain will clear during the morning with bright spells and a scattering of showers. Partly cloudy with a few shower in the evening, these turning wintry over the tops. Windy, early gales at height.

Maximum wind: South or Southeast 35mph gusting 50mph, turning Southwesterly 25mph gusting 35mph around midday.

Chance of cloud-free hill tops above 600m: 30% becoming 90% in the afternoon.

Low Cloud and visibility: Extensive, base 600m or less, lifting and breaking above the summits in the afternoon. Visibility moderate to very poor at first, becoming mainly very good during the afternoon and evening.

Temperature: **Valleys:** Plus 4 to 10 Celsius
At 600m: Plus 5 Celsius falling Plus 2 Celsius
Freezing level: Above the summits